

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket No.: HESI.110405	Serial Number: 10/692,908
	Applicant: Jack Lees and Tatum Sheffield	
	Filing Date: October 24, 2003	Group:

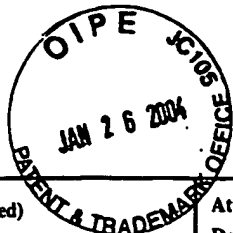
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	INVENTOR	CLASS	SUBCLASS	FILING DATE
SA	4,467,461	08/21/84	Rice, et al.	367	70	01/05/81
SA	4,751,643	06/14/88	William E. Lorensen, et al.	364	414	
↑	4,984,157	01/08/91	Cline, et al.	367	413	09/21/88
	5,410,250	04/25/95	Brown, Hugh K.	324	309	09/28/93
	5,455,896	10/03/95	Takamura, Teiji	345 395	419 419	11/29/94
	5,563,949	10/08/96	Michael S. Bahorich, et al.	364	421	
	5,574,836	11/12/96	Raymond M. Broemmelsiek	345 395	427 427	
	5,586,082	12/17/96	Anderson, et al.	367	73	03/02/95
	5,659,691	08/19/97	James Durward, et al.	715 395	751 329	
	5,759,044	06/02/98	Scott Redmond	434	301	
	5,798,982	08/25/98	He, et al.	367	73	03/02/95
	5,852,447	12/22/98	Hosoya, et al.	345	468	05/17/96
	5,930,730	07/29/99	Kurt J. Marfurt, et al.	702	16	
V	5,966,672	10/12/99	Knupp, Daniel F.	702	16	07/28/97
SA	6,083,162	07/04/00	David J. Vining	600	407	
SA	6,144,383	11/07/00	Lichtenbelt, et al.	345	419	05/30/97

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
SA	WO 96/18915	06/20/96	PCT				

EXAMINER S. Ahmed	DATE CONSIDERED 2/10/05
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	



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EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place Of Publication)
SA	Compton, Mark, "A Dream Comes True," IRIS Universe #26, June 1997, 3 pages
↑	"Texaco Announces the Opening of New 3-D Visualization Center in Houston," Business Wire, November 11, 1997, 1 page
	Antosh, Nelson, "Oil Now Showing at a Theater Near You," Houston Chronicle, September 19, 1997, 2 pages
	Abstract, "3-D Seismic Visualization<," Emerging Technologies Group, Houston Geological Society, March 1998
	GeoQuest, IESX Integrated Multisurvey Interpretation Software Product Description 23-Feb-96 (printed 5/3/98) 17 pages
	VoxelGeo Product Description, Paradigm Geophysical, 1996 (printed 3/27/98), 6 pages
	"CogniSeis Turns Up the Volume with the Latest Release of VoxelGeo," Press Release, April 30, 1997 (printed 3/27/98), 2 pages
	Peloso, Andy, "Open Vision 4.0," UserNet, May/June 1997 (printed 3/27/98), 8 pages
	Hutchinson, Suzi, "FZAP! 1.0 Offers Automated Fault Picking," UserNet, May/June 1997 (printed 3/27/98), 5 pages
	Shamban, Adam, et al., "Earth Cube 1.2: New Functionality and Work Flows," UserNet, May/June 1997 (printed 3/27/98), 10 pages
	"GeoQuest at a Glance," printed 5/3/98, 3 pages
	"GeoQuest Enhances GeoViz and Voxels for OCTANE," 1997 (printed 5/3/98), 3 pages
	Kate Thomas, "Oil Biz Gushes Patents," The National Law Journal, February 6, 1998, pp. 1, 26
↓	G. Alan Petzet, "Interactive 3D Visualization Speeds Well, Reservoir Planning," Oil and Gas Journal, Nov. 24, 1997, pp. 82-83
	Robert L. Scheier, "Creating a Cash Gusher," Computerworld, April 21, 1997, pp. 76-78
SA	Michael J. Zeitlin, "Integration Strategy Takes Full Advantage of 3-D Seismic Capability," World Oil, May 1995, pp. 59-60

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